THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) At present there are 17 nuclear power reactors with a capacity of 4120 MWe in operation. The details are as under:

Station	Location & State	Capacity (MWe)	Generation in 2007-08 (MU)
TAPS 1 to 4	Tarapur, Maharashtra	1400	7340
RAPS 1 to 4	Rawatbhata, Rajasthan	740	2668
MAPS 1&2	Kalpakkam, Tamil Nadu	440	1749
NAPS 1 & 2	Narora, Uttar Pradesh	440	674
KAPS 1 & 2	Kakrapar, Gujarat	440	2030
Kaiga 1 to3	Kaiga, Karnataka	660	2495

(b) The nuclear power generation was about 2.4% of the total generation in the country in 2007-08.

(c) No plant is closed due to non-availability of uranium. However, Pressurised Heavy Water Reactors (PHWR) in operation using indigenous uranium, are being operated at reduced power level.

(d) Fast Breeder Reactors (FBRs) are fuelled by reprocessed spent fuel from indigenous PHWRs. Setting up of additional FBRs is an indigenous programme and, in the near future, not affected by the international nuclear cooperation.

(e) The nuclear power capacity will reach 7280 MWe by the end of XI Plan by completion of projects under construction progressively. The plan, is to reach, by the year 2020, a capacity of about 15,000 MWe, only by indigenous and ongoing efforts and an additional 10,000 MWe through new starts in the Eleventh Plan based on international cooperation. The tariffs of nuclear power are competitive with contemporary thermal power away from coal mines and maintenance of this competitiveness is one of the aims of nuclear power capacity addition.

Atomic reactors

†623.SHRI PRABHAT JHA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government has planned to set up eight new atomic reactors to meet the energy needs of the country;

(b) if so, the details thereof;

(c) total megawatt of electricity which would be produced by these reactors;

(d) whether Government propose to discover new uranium mines for the said purpose; and

(e) if so, the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) to (c) Eight indigenous Pressurized Heavy Water Reactors (PHWRs) of 700 MWe

†Original notice of the question was received in Hindi.

each to be set up on a twin unit basis at four sites will create additional nuclear power capacity of 5600 MWe.

(d) and (e) The resources are already proven. However, new mines in Meghalaya, Andhra Pradesh, Rajasthan, Karnataka etc. need to be opened to meet the requirement of natural uranium for these reactors.

Integrated space cell

624. SHRIMATI SUPRIYA SULE: Will the PRIME MINISTER be pleased to state:

(a) whether India would set up an 'integrated space cell under the aegis of the Integrated Defence Services Head Quarters' to counter the growing threat to our space assets;

(b) if so, whether India wanted to utilize space for peaceful purposes and remain committed to the policy of non-weaponisation of space but the Minister added that offensive counter space systems like anti-satellite weaponry, new classes of heavy lift and an improved array of military space systems have emerged in our neighbourhood; and

(c) if so, the concrete steps and measures Government has taken to meet the threat?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) to (c) An Integrated Space Cell (ISC) has been conceptualized as a single window for the three Services for all space related issues. India's stated policy is to utilize space for peaceful purposes.

Integrated energy policy

625. MS. SUSHILA TIRIYA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government propose to adopt an integrated energy policy;

(b) if so, the details thereof;

(c) whether India has become vulnerable to uncertainty of International prices and supplies; and

(d) if so, the steps taken in this regard?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) Yes, Sir. The Integrated Energy Policy is under formulation.

(b) Report of the Expert Committee on Integrated Energy Policy submitted in August, 2006 forms the basis for formulation of the proposed Integrated Energy Policy.

(c) and (d) The proposed policy addresses the issues of supply, market and technical risks affecting energy security of the country.

Allotment of coal blocks to private sector

626. SHRI R.C. SINGH: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government had set a target of producing about 104 MT. coal from captive blocks allotted to private sector but the actual production was only about 15 per cent in the first year of the current Five Year Plan;

(b) if so, the details of the number of coal blocks allotted to different parties and the coal reserves in each case; and